

WHAT IS CLAIMED IS:

1. An imaging system, comprising:
 - a camera to be disposed in a remote place, said camera having an optical axis;
 - 5 driving means for driving said camera to have said optical axis of said camera moved in each of horizontal and vertical directions;
 - position detecting means for detecting a position of said optical axis of said camera in each of said horizontal and vertical directions;
 - position information storing means for storing position information indicative of
 - 10 said position of said optical axis of said camera to have said position information linked to an image taken at said position by said camera; and
 - remote controlling apparatus to be electrically connected to said driving means through a communication network to control said driving means, said remote controlling apparatus including display means for displaying on a screen said image taken at said
 - 15 position by said camera to have said screen linked to said position information.
2. An imaging system as set forth in claim 1, in which
 - said screen has a divided image section;
 - said display means is adapted to display images sequentially taken at said
 - 20 respective positions by said camera on said divided image section in conjunction with said detected positions.
3. An imaging system as set forth in claim 1 or 2, which further comprises:
 - position registering means for registering said position detected by said position
 - 25 detecting means with an optical condition of the camera, and in which
 - said driving means is adapted to drive said camera on the basis of said registered position and optical condition.
4. An imaging system as set forth in claims 2 or 3, in which
 - 30 said screen has an enlarged image section, and which further comprises:
 - image switching means for allowing said display means to display a moving image taken at said selected position by said camera to have said moving image displayed on said enlarged image section, said image switching means, when one of said images displayed on said divided image section is selected, being adapted to allow said camera to be moved and
 - 35 occupy a position linked to said selected image.

5. An imaging system as set forth in any one of claims 2 to 4, in which
said remote controlling apparatus is adapted to control said driving means at
regular time intervals to have said camera sequentially take images at said positions linked
to said images displayed on said divided image section to allow said images displayed on
5 said divided image section to be updated to said images taken by said camera.
6. An imaging system as set forth in any one of claims 1 to 5, which further
comprises:
image information storing means for storing image information indicative of said
10 images taken by said camera at said positions to have said stored images linked to said
respective positions.
7. An imaging system as set forth in any one of claims 1 to 6, in which
said remote controlling apparatus is adapted to control said driving means to have
15 said camera take images at predetermined time intervals at said positions, which further
comprises
difference detecting means for detecting differences of said images in each position,
and in which
said remote controlling apparatus is adapted to produce a notification signal on said
20 differences detected by said difference detecting means.
8. An imaging system as set forth in claim 7, in which
said displaying means of said remote controlling apparatus is adapted to enlarge
25 said image linked to a position in which said difference of said images is detected by said
difference detecting means, and to display said enlarged image on said enlarged image
section.
9. An imaging system as set forth in any one of claims 1 to 8, in which
30 said remote controlling apparatus is adapted to obtain viewing angle information on
a viewing angle of a lens unit of said camera to calculate a distance in each of said
horizontal and vertical directions on the basis of said viewing angle information.
10. An imaging system as set forth in any one of claims 1 to 9, in which
35 said remote controlling apparatus further includes inputting means for inputting
descriptive information on said images taken at said respective positions, and

said display means is adapted to superimpose said descriptive information inputted by said inputted means on said respective images to be displayed on said divided image section or said enlarged image section.

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